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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Fumihiko KIMURA et al.**



Group Art Unit: **2628**

Application Number: **10/590,704**

Examiner: **Unknown**

Filed: **August 25, 2006**

Confirmation Number: **4387**

For: **DESIGN METHOD FOR INDUSTRIAL PRODUCT USING
CLOTHOID CURVE, INDUSTRIAL PRODUCTS DESIGNED BY
THE DESIGN METHOD, AND METHOD AND DEVICE FOR
NUMERICAL CONTROL USING THE CLOTHOID CURVE**

Attorney Docket Number: **062916**

Customer Number: **38834**

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97(b)

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

November 27, 2006

Sir:

In compliance with 37 C.F.R. §1.56, Applicants direct the attention of the Patent and Trademark Office to the documents listed on the attached PTO/SB/08. This paper is being filed within the time periods set forth in 37 C.F.R. §1.97(b). A copy of each non-U.S. document is enclosed herewith.

If there are any fees due in connection with the filing of this paper, please charge Deposit Account No. 50-2866.

Respectfully submitted,

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WFW/dlt

Enclosures: PTO/SB/08
3 Documents

Combined Form PTO/SB/08A&B

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

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Complete if Known

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First Named Inventor	Fumihiko KIMURA et al.
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
	1	Kenjiro T. MIURA, "Unit Quaternion Integral Curve" Department of Mechanical Engineering, Shizuoka University, Nov. 1997, Vol. 38 No. 11, pp 2227-2236	Cited in ISR
	2	Shi-yu QIU, et al., "Free Curve Interpolation Using Clothoidal Curve", JRSJ Vol. 8 No. 6, December 1990, pp 40-47	Cited in spec. & ISR
	3	Guiqing LI, et al., "3D Discrete Clothoid Splines", CGI 2001 (IEEE 2001), pp 321-324	Cited in spec.

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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